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(71) Applicant: ISHIKAWAJIMA HAR IND CO LTD

(72) Inventor: NOMA HIROMICHI

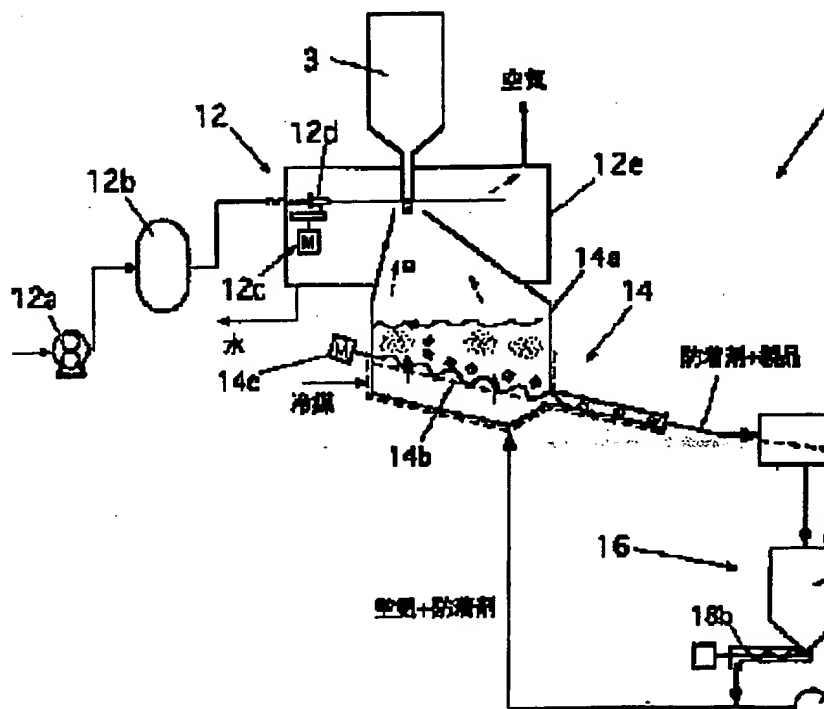
(74) Representative:

(54) METHOD AND DEVICE FOR CUTTING AND COOLING HIGHLY VISCOUS AND HIGHLY TACKY SUBSTANCE

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a cutting and cooling method of a highly viscous and highly tacky substance and its device, with which the use of a moisture-containing antitack agent can be remarkably reduced and consequently a working environment can be easily kept clean, the total length of the device can be shortened and accordingly its installation space can be made smaller and further the frequency of the maintenance of a cutter and the like can be reduced and, as a result, a continuous operation can be possible and the productivity of the device can be enhanced.

SOLUTION: In an antitack agent fluidizing tank 14, a fluidized bed is formed by keeping powdered antitack agent under fluidizing state with cooling air. Highly viscous and



highly tacky substance continuously extruded in a bar from an extruder 3 is cut with a cutting device 12 such as a water jet cutting device and falls in the fluidized bed so as to cool the highly viscous and highly tacky substance under the state being fluidized with the cooling air. Next, with a separating and re-circulating device 16, the antitank agent and the highly viscous and highly tacky substance are separated from each other so as to re-circulate the antitank agent to the fluidized bed.

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